This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

WEST Search History

Hide Items Restore Clear Cancel

DATE: Wednesday, September 08, 2004

Hide?	Set Name	Query	<u>Hit</u> Count
	DB=U	JSPT; PLUR=YES; OP=ADJ	
	L28	L27 and (audio or voice) near5 digital	11
	L27	123 and conver\$6 same register\$6	74
	L26	123 same conver\$6 same register\$6	0
	L25	123 same conver\$6 same (audio or voice) near5 digital	0
	L24	123 same (detect\$4 or receiving)same (announcement or ping or message)	34
	L23	(portable or appliance or apparatus or device or telephone or laptop or pda or system or mobile or cell\$4 \$phone) same proxim\$6 near5 receiver	1525
	L22	121 same register\$6	5
	L21	L20 same conver\$6 same (audio or voice) near5 digital	59
WATER	L20	(portable or appliance or apparatus or device or telephone or laptop or pda or system or mobile or cell\$4 \$phone) same (detect\$4 or receiving) same (announcement or ping or message) same receiver	6469
	L19	115 and voice-over-ip	1
	L18	L17 same audio adj3 signal	26
	L17	L15 same interfac\$3	144
	L16	L15 same interface	143
	L15	(appliance or apparatus or device or telephone or laptop or pda or system or mobile or cell\$4 4\$phone) same conver\$6 same (audio or voice) same digital same regist\$6	707
	L14	(appliance or apparatus or device or telephone or laptop or pda or system or mobile cell phone) same conver\$6 same (audio or voice) same digital same regist\$6	698
	DB=U	JSOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ	
	L13	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6 same (announc\$8 or ping or ping message)	3
	DB=F	PGPB; PLUR=YES; OP=ADJ	
	L12	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6 same (announc\$8 or ping or ping message)	2
	DB=U	JSPT; PLUR=YES; OP=ADJ	
	L11	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6 same (announc\$8 or ping or ping message)	5

L10	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6	698
L9	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital	14955
L8	11 same conver\$6 same (audio or voice) same digital	13
L7	L1 same data network	8
L6	L1 same audio near5 (input or output)	5
L5	L1 same audio near5 (input or outpu)	1
L4	L1 and (voice-over-ip or ip telephony)	1
L3	L1 same (voice-over-ip or ip telephony)	0
L2	L1 same voice\$	71
L1	(appliance or apparattus or device or telephone or laptop or pda) same receiver same (ping or message or announcement) same regist\$6	511

END OF SEARCH HISTORY

Freeform Search

*xe x () = 1 = 0 = 7 = 0		The state of the s
	US Pre-Grant Publication Full-Text Database	
	US Patents Full-Text Database	
	US OCR Full-Text Database	
Database:	EPO Abstracts Database	
	JPO Abstracts Database	
	Derwent World Patents Index	
	IBM Technical Disclosure Bulletins	and the second
Term:	121 same register\$6	
Display:	10 Documents in <u>Display Format</u> : TI	Starting with Number 1
Generate:	O Hit List O Hit Count O Side by Side	○ Image
W. Waganana a James a	The state of the s	
	Search I Clear I In	terrupt -

Search History

DATE: Wednesday, September 08, 2004 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> Count	Set Name result set
	USPT; PLUR=YES; OP=ADJ		300
L22	121 same register\$6	5	L22
L21	L20 same conver\$6 same (audio or voice) near5 digital	59	L21
<u>L20</u>	(portable or appliance or apparatus or device or telephone or laptop or pda or system or mobile or cell\$4 \$phone) same (detect\$4 or receiving) same (announcement or ping or message) same receiver	6469	<u>L20</u>
<u>L19</u>	115 and voice-over-ip	1	<u>L19</u>
<u>L18</u>	L17 same audio adj3 signal	26	<u>L18</u>
<u>L17</u>	L15 same interfac\$3	144	<u>L17</u>
<u>L16</u>	L15 same interface	143	<u>L16</u>
<u>L15</u>	(appliance or apparatus or device or telephone or laptop or pda or system or mobile or cell\$4 4\$phone) same conver\$6 same (audio or voice) same digital same regist\$6	707	<u>L15</u>
<u>L14</u>	(appliance or apparatus or device or telephone or laptop or pda or system or mobile cell phone) same conver\$6 same (audio or voice) same digital same regist\$6	698	<u>L14</u>

DB=USOC, $EPAB$, $JPAB$, $DWPI$, $TDBD$; $PLUR=YES$; $OP=ADJ$				
<u>L13</u>	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6 same (announc\$8 or ping or ping message)	3	<u>L13</u>	
DB=	FGPB; PLUR=YES; OP=ADJ			
<u>L12</u>	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6 same (announc\$8 or ping or ping message)	2	<u>L12</u>	
DB=	USPT; PLUR=YES; OP=ADJ			
<u>L11</u>	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6 same (announc\$8 or ping or ping message)	5	<u>L11</u>	
<u>L10</u>	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital same regist\$6	698	<u>L10</u>	
<u>L9</u>	(appliance or apparatus or device or telephone or laptop or pda or system) same conver\$6 same (audio or voice) same digital	14955	<u>L9</u>	
<u>L8</u>	11 same conver\$6 same (audio or voice) same digital	13	<u>L8</u>	
<u>L7</u>	L1 same data network	8	<u>L7</u>	
<u>L6</u>	L1 same audio near5 (input or output)	5	<u>L6</u>	
<u>L5</u>	L1 same audio near5 (input or outpu)	1	<u>L5</u>	
<u>L4</u>	L1 and (voice-over-ip or ip telephony)	1	<u>L4</u>	
<u>L3</u>	L1 same (voice-over-ip or ip telephony)	0	<u>L3</u>	
<u>L2</u>	L1 same voice\$	71	<u>L2</u>	
<u>L1</u>	(appliance or apparattus or device or telephone or laptop or pda) same receiver same (ping or message or announcement) same regist\$6	511	<u>L1</u>	

END OF SEARCH HISTORY

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins			
Term:				
Display:	Documents in <u>Display Format</u> : TI	Starting with Number 1		
Generate: © Hit List © Hit Count © Side by Side © Image Search Clear Interrupt				
Search History				

Search History

DATE: Wednesday, September 08, 2004 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> <u>Count</u>	Set Name result set
DB=0	DB=USPT; PLUR=YES; OP=ADJ		
<u>L18</u>	(4953198 5497339 5557658 5606594 5742905 5838665 5850433 5894595 5915008 5933778)![pn]	10	<u>L18</u>
<u>L17</u>	6446127.pn.	1	<u>L17</u>
<u>L16</u>	L14 and 17	77	<u>L16</u>
<u>L15</u>	L14 and 112	0	<u>L15</u>
<u>L14</u>	proximity receiver	254	<u>L14</u>
<u>L13</u>	L12 and 17	0	<u>L13</u>
<u>L12</u>	voice-over-ip	165	<u>L12</u>
<u>L11</u>	(device or phone or apparatus or appliance or elephone or laptop or pda) same proxim\$4 near5 receiver and voice-over-ip	0	<u>L11</u>
<u>L10</u>	(device or phone or apparatus or appliance or elephone or laptop or pda) sameproxim\$4 near5 receiver and voice-over-ip	0	<u>L10</u>
<u>L9</u>	(device or phone or apparatus or appliance or elephone or laptop or pda) and proxim\$4 near5 receiver same voice-over-ip	0	<u>L9</u>
<u>L8</u>	(device or phone or apparatus or appliance or elephone or laptop or pda)	0	<u>L8</u>

	same proxim\$4 near5 receiver same voice-over-ip		
<u>L7</u>	(device or phone or apparatus or appliance or elephone or laptop or pda) same proxim\$4 near5 receiver	845	<u>L7</u>
<u>L6</u>	voice-over-ip same proxim\$4 near5 receiver	0	L6
<u>L5</u>	voice-over-ip same proxity receiver	0	L5
<u>L4</u>	voice-over-ip same (device or phone or apparatus or appliance) and proxity receiver	0	<u>L4</u>
<u>L3</u>	voice-over-ip same (device or phone or apparatus or appliance) same proxity receiver	0	<u>L3</u>
<u>L2</u>	voice-over-ip near5 (device or phone or apparatus or appliance)	13	L2
DB=PGPB, USPT; PLUR=YES; OP=ADJ			
<u>L1</u>	voice-over-ip near5 (device or phone or apparatus or appliance)	80	<u>L1</u>

END OF SEARCH HISTORY

http://www.har.0000/htt./ / 0// 2710 50 100 6 0/